

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 09/9361565
Source: #FW 16
Date Processed by STIC: 2-3-05

ENTERED



IFW16

RAW SEQUENCE LISTING

DATE: 02/03/2005

PATENT APPLICATION: US/09/936,565

TIME: 08:36:24

Input Set : A:\SEQUENCE DISCLOSURE.txt

Output Set: N:\CRF4\02032005\I936565.raw

3 <110> APPLICANT: UNIVERSITY OF MARYLAND, BALTIMORE
 5 <120> TITLE OF INVENTION: SURFACE LOCALIZED COLLIGIN/Hsp47 IN CARCINOMA CELLS
 7 <130> FILE REFERENCE: UNIMD-4 WO
 > 9 <140> CURRENT APPLICATION NUMBER: US/09/936,565
 > 10 <141> CURRENT FILING DATE: 2002-02-04
 12 <150> PRIOR APPLICATION NUMBER: 60/124,481
 13 <151> PRIOR FILING DATE: 1999-03-15
 15 <160> NUMBER OF SEQ ID NOS: 68
 17 <170> SOFTWARE: PatentIn Ver. 2.1
 19 <210> SEQ ID NO: 1
 20 <211> LENGTH: 12
 21 <212> TYPE: PRT
 22 <213> ORGANISM: Artificial Sequence
 24 <220> FEATURE:
 25 <223> OTHER INFORMATION: Description of Artificial Sequence: Consensus
 26 motif
 28 <220> FEATURE:
 29 <221> NAME/KEY: MOD_RES
 30 <222> LOCATION: (1)
 31 <223> OTHER INFORMATION: Any amino acid
 33 <220> FEATURE:
 34 <221> NAME/KEY: MOD_RES
 35 <222> LOCATION: (2)..(3)
 36 <223> OTHER INFORMATION: Hydrophobic amino acid
 38 <220> FEATURE:
 39 <221> NAME/KEY: MOD_RES
 40 <222> LOCATION: (4)..(5)
 41 <223> OTHER INFORMATION: Any amino acid
 43 <220> FEATURE:
 44 <221> NAME/KEY: MOD_RES
 45 <222> LOCATION: (6)
 46 <223> OTHER INFORMATION: Hydrophobic amino acid
 48 <220> FEATURE:
 49 <221> NAME/KEY: MOD_RES
 50 <222> LOCATION: (7)..(10)
 51 <223> OTHER INFORMATION: Any amino acid
 53 <220> FEATURE:
 54 <221> NAME/KEY: MOD_RES
 55 <222> LOCATION: (11)..(12)
 56 <223> OTHER INFORMATION: Hydrophobic amino acid
 58 <400> SEQUENCE: 1
 > 59 Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
 60 1 5 10

(pg. 6)

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63 <210> SEQ ID NO: 2
64 <211> LENGTH: 12
65 <212> TYPE: PRT
66 <213> ORGANISM: Artificial Sequence
68 <220> FEATURE:
69 <223> OTHER INFORMATION: Description of Artificial Sequence: Consensus
70     motif
72 <220> FEATURE:
73 <221> NAME/KEY: MOD_RES
74 <222> LOCATION: (1)
75 <223> OTHER INFORMATION: Hydrophobic amino acid
77 <220> FEATURE:
78 <221> NAME/KEY: MOD_RES
79 <222> LOCATION: (2)..(4)
80 <223> OTHER INFORMATION: Any amino acid
82 <220> FEATURE:
83 <221> NAME/KEY: MOD_RES
84 <222> LOCATION: (5)..(6)
85 <223> OTHER INFORMATION: Hydrophobic amino acid
87 <220> FEATURE:
88 <221> NAME/KEY: MOD_RES
89 <222> LOCATION: (7)..(8)
90 <223> OTHER INFORMATION: Any amino acid
92 <220> FEATURE:
93 <221> NAME/KEY: MOD_RES
94 <222> LOCATION: (9)
95 <223> OTHER INFORMATION: Hydrophobic amino acid
97 <220> FEATURE:
98 <221> NAME/KEY: MOD_RES
99 <222> LOCATION: (10)..(12)
100 <223> OTHER INFORMATION: Any amino acid
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> 103 Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
104     1             5             10
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108 <211> LENGTH: 12
109 <212> TYPE: PRT
110 <213> ORGANISM: Artificial Sequence
112 <220> FEATURE:
113 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
114     peptide
116 <400> SEQUENCE: 3
117 Trp His Trp Gln Trp Thr Pro Trp Ser Ile Gln Pro
118     1             5             10
121 <210> SEQ ID NO: 4
122 <211> LENGTH: 12
123 <212> TYPE: PRT
124 <213> ORGANISM: Artificial Sequence
126 <220> FEATURE:

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127 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
128     peptide
130 <400> SEQUENCE: 4
131 Trp His Tyr Pro Trp Phe Gln Asn Trp Ala Met Ala
132 1           5           10
135 <210> SEQ ID NO: 5
136 <211> LENGTH: 12
137 <212> TYPE: PRT
138 <213> ORGANISM: Artificial Sequence
140 <220> FEATURE:
141 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
142     peptide
144 <400> SEQUENCE: 5
145 Trp His Trp Asn Gly Trp Lys Tyr Pro Val Val Asp
146 1           5           10
149 <210> SEQ ID NO: 6
150 <211> LENGTH: 12
151 <212> TYPE: PRT
152 <213> ORGANISM: Artificial Sequence
154 <220> FEATURE:
155 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
156     peptide
158 <400> SEQUENCE: 6
159 Phe His Trp Pro Thr Leu Tyr Asn Met Tyr Ile Pro
160 1           5           10
163 <210> SEQ ID NO: 7
164 <211> LENGTH: 12
165 <212> TYPE: PRT
166 <213> ORGANISM: Artificial Sequence
168 <220> FEATURE:
169 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
170     peptide
172 <400> SEQUENCE: 7
173 Phe His Trp Ser Trp Tyr Thr Pro Ser Arg Pro Ser
174 1           5           10
177 <210> SEQ ID NO: 8
178 <211> LENGTH: 12
179 <212> TYPE: PRT
180 <213> ORGANISM: Artificial Sequence
182 <220> FEATURE:
183 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
184     peptide
186 <400> SEQUENCE: 8
187 Trp His Trp Ser Tyr Pro Leu Trp Gly Pro Leu Glu
188 1           5           10
191 <210> SEQ ID NO: 9
192 <211> LENGTH: 12
193 <212> TYPE: PRT
194 <213> ORGANISM: Artificial Sequence

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196 <220> FEATURE:
197 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
198     peptide
200 <400> SEQUENCE: 9
201 Asn Trp Thr Leu Pro Thr Ala Gln Phe Ala Tyr Leu
202   1             5             10
205 <210> SEQ ID NO: 10
206 <211> LENGTH: 12
207 <212> TYPE: PRT
208 <213> ORGANISM: Artificial Sequence
210 <220> FEATURE:
211 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
212     peptide
214 <400> SEQUENCE: 10
215 Val Leu Ile Pro Val Lys Ala Leu Arg Ala Val Trp
216   1             5             10
219 <210> SEQ ID NO: 11
220 <211> LENGTH: 12
221 <212> TYPE: PRT
222 <213> ORGANISM: Artificial Sequence
224 <220> FEATURE:
225 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
226     peptide
228 <400> SEQUENCE: 11
229 Thr Pro Gln Pro Asn Met Met Leu Arg Ile Ser Pro
230   1             5             10
233 <210> SEQ ID NO: 12
234 <211> LENGTH: 12
235 <212> TYPE: PRT
236 <213> ORGANISM: Artificial Sequence
238 <220> FEATURE:
239 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
240     peptide
242 <400> SEQUENCE: 12
243 Ala Asn Phe Thr Phe Phe Lys Leu Met Pro Val Ser
244   1             5             10
247 <210> SEQ ID NO: 13
248 <211> LENGTH: 12
249 <212> TYPE: PRT
250 <213> ORGANISM: Artificial Sequence
252 <220> FEATURE:
253 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
254     peptide
256 <400> SEQUENCE: 13
257 Lys Val Pro Pro Ala Leu Pro Ser Pro Trp Thr Ser
258   1             5             10
261 <210> SEQ ID NO: 14
262 <211> LENGTH: 12
263 <212> TYPE: PRT

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264 <213> ORGANISM: Artificial Sequence
266 <220> FEATURE:
267 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
268     peptide
270 <400> SEQUENCE: 14
271 Gly Leu Tyr Met His Pro Pro Thr His Thr Met Arg
272   1             5             10
275 <210> SEQ ID NO: 15
276 <211> LENGTH: 12
277 <212> TYPE: PRT
278 <213> ORGANISM: Artificial Sequence
280 <220> FEATURE:
281 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
282     peptide
284 <400> SEQUENCE: 15
285 Glu Gly Arg Ser Thr Leu Thr Ser Leu Ile Ile
286   1             5             10
289 <210> SEQ ID NO: 16
290 <211> LENGTH: 12
291 <212> TYPE: PRT
292 <213> ORGANISM: Artificial Sequence
294 <220> FEATURE:
295 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
296     peptide
298 <400> SEQUENCE: 16
299 Ser Gly Ala Ala Asn Gln Pro Ser Ala Thr Ser Gly
300   1             5             10
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304 <211> LENGTH: 12
305 <212> TYPE: PRT
306 <213> ORGANISM: Artificial Sequence
308 <220> FEATURE:
309 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
310     peptide
312 <400> SEQUENCE: 17
313 Lys His Asn Glu Gln Thr Phe His Pro Lys Val Pro
314   1             5             10
317 <210> SEQ ID NO: 18
318 <211> LENGTH: 12
319 <212> TYPE: PRT
320 <213> ORGANISM: Artificial Sequence
322 <220> FEATURE:
323 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
324     peptide
326 <400> SEQUENCE: 18
327 Thr Val Leu His Ser Leu Ala His Gln Thr Phe Ile
328   1             5             10
331 <210> SEQ ID NO: 19
332 <211> LENGTH: 12

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RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/09/936,565

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Input Set : A:\SEQUENCE DISCLOSURE.txt
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ase Note:

of n and/or Xaa have been detected in the Sequence Listing. Please review the
uence Listing to ensure that a corresponding explanation is presented in the <220>
<223> fields of each sequence which presents at least one n or Xaa.

#:1; Xaa Pos. 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12
#:2; Xaa Pos. 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12
#:64; Xaa Pos. 1, 2, 3, 4, 5, 6, 7, 8
#:65; Xaa Pos. 1, 2, 3, 4, 5, 6, 7
#:68; Xaa Pos. 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12

VERIFICATION SUMMARY

DATE: 02/03/2005

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Input Set : A:\SEQUENCE DISCLOSURE.txt

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M:270 C: Current Application Number differs, Replaced Current Application Number
0 M:271 C: Current Filing Date differs, Replaced Current Filing Date
9 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0
03 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0
89 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:64 after pos.:0
018 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:65 after pos.:0
089 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:68 after pos.:0